

TacI	-----	-----	-----	-----	MSGGLGRSRRG
BR43X1	-----	-----	-----	-----	----GRSRRG
BR43X2	-----	-----	-----	-----	MSGGLGRSRRG
BCMA	-----	-----	-----	-----	-----

TacI	GRSRVDQEER	FPQGLWTGVA	MRSCPEEQYW	DPLL-GTCMS	CKTICNHQSQ
BR43X1	GRSRVDQEER	FPQGLWTGVA	MRSCPEEQYW	DPLL-GTCMS	CKTICNHQSQ
BR43X2	GRSRVDQEER	-----	-----	-----	-----
BCMA	-----	-----MLQM	AGQCSQNEYF	DSLL-HACIP	CQLRCSSNTP
			<--- 1st cys repeat	-----	

TacI	-RTCAAFCRS	L-----SC	RKEQGKFYDH	LL-RD-CISC	ASICGQHPKQ
BR43X1	-RTCAAFCRS	L-----SC	RKEQGKFYDH	LL-RD-CISC	ASICGQHPKQ
BR43X2	-----WS	L-----SC	RKEQGKFYDH	LL-RD-CISC	ASICGQHPKQ
BCMA	PLTCQRYCNA	SVTNSVKGTN	AILWTCLGLS	LIISLAVFVL	MFLLRKISSE
	----->		<----- 2nd cys repeat	-----	

TacI	CAYFCENKLR	SPVNLPPELR	RQRSGEVENN	SDNSGRYQGL	EHRGSEASPA
BR43X1	CAYFCENKLR	SPVNLPPELR	RQRSGEVENN	SDNSGRYQGL	EHRGSEASPA
BR43X2	CAYFCENKLR	SPVNLPPELR	RQRSGEVENN	SDNSGRYQGL	EHRGSEASPA
BCMA	PLKDEFKNTG	SGLLGMANID	LEKSRTGDEI	ILPRGLETV	EECTCEDCIK
	---->				

TacI	LPGLKLSADQ	VALVYSTLGL	CLCAVLCCFL	VAVACFLKKR	GDPSCSQPRS
BR43X1	LPGLKLSADQ	VALVYSTLGL	CLCAVLCCFL	VAVACFLKKR	GDPSCSQPRS
BR43X2	LPGLKLSADQ	VALVYSTLGL	CLCAVLCCFL	VAVACFLKKR	GDPSCSQPRS
BCMA	SKPKVDSHC	FPLPAMEEGA	TILVTTKTND	YCKSLPAALS	ATEIEKSISA
			<--- TACI/BR43 TM	----	

TacI	RPRQSPAKSS	QDHAMEAGSP	VSTSPEPVET	CSFCFPECRA	PTQESAVTPG
BR43X1	RPRQSPAKSS	QDHAMEAGSP	VSTSPEPVET	CSFCFPECRA	PTQESAVTPG
BR43X2	RPRQSPAKSS	QDHAMEAGSP	VSTSPEPVET	CSFCFPECRA	PTQESAVTPG
BCMA	R-----	-----	-----	-----	-----

TacI	TPDPTCAGRW	GCHTRTTVLQ	PCPHIPDSGL	GIVCVPAQEG	GPGA-----
BR43X1	TPDPTCAGRW	GCHTRTTVLQ	PCPHIPDSGL	GIVCVPAQEG	GPGA-----
BR43X2	TPDPTCAGRW	GCHTRTTVLQ	PCPHIPDSGL	GIVCVPAQEG	GPGA-----
BCMA	-----	-----	-----	-----	-----

FIGURE 1

00/220" 902/2960

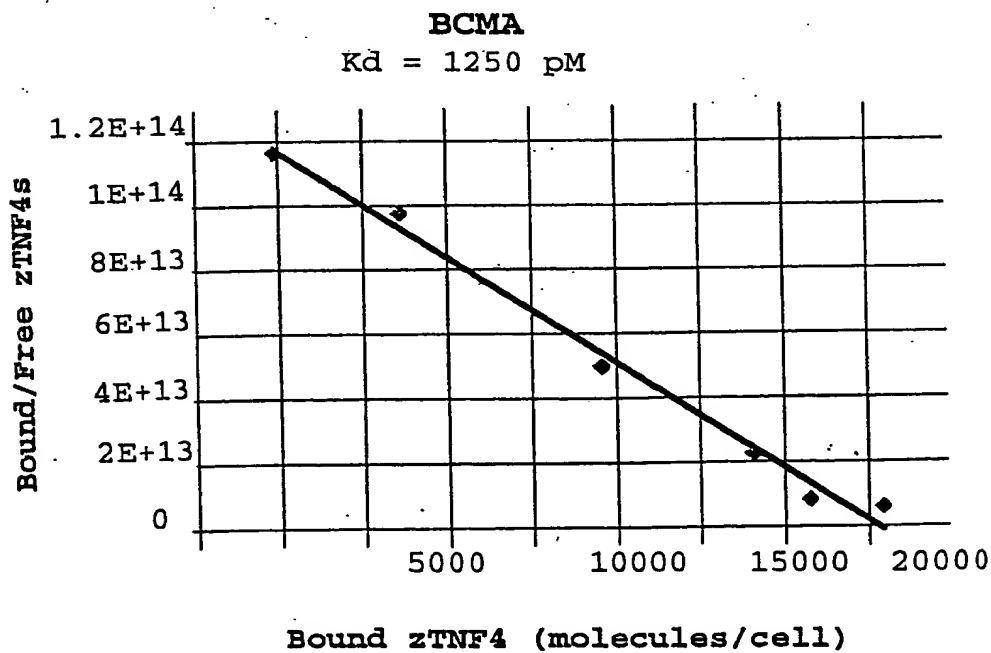
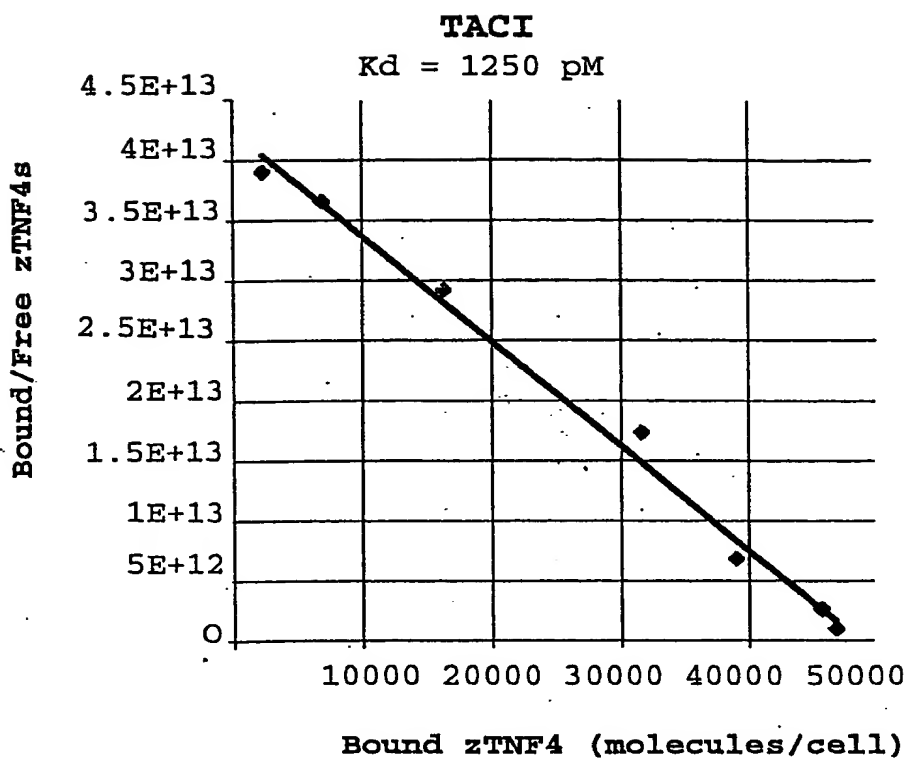


Figure 2

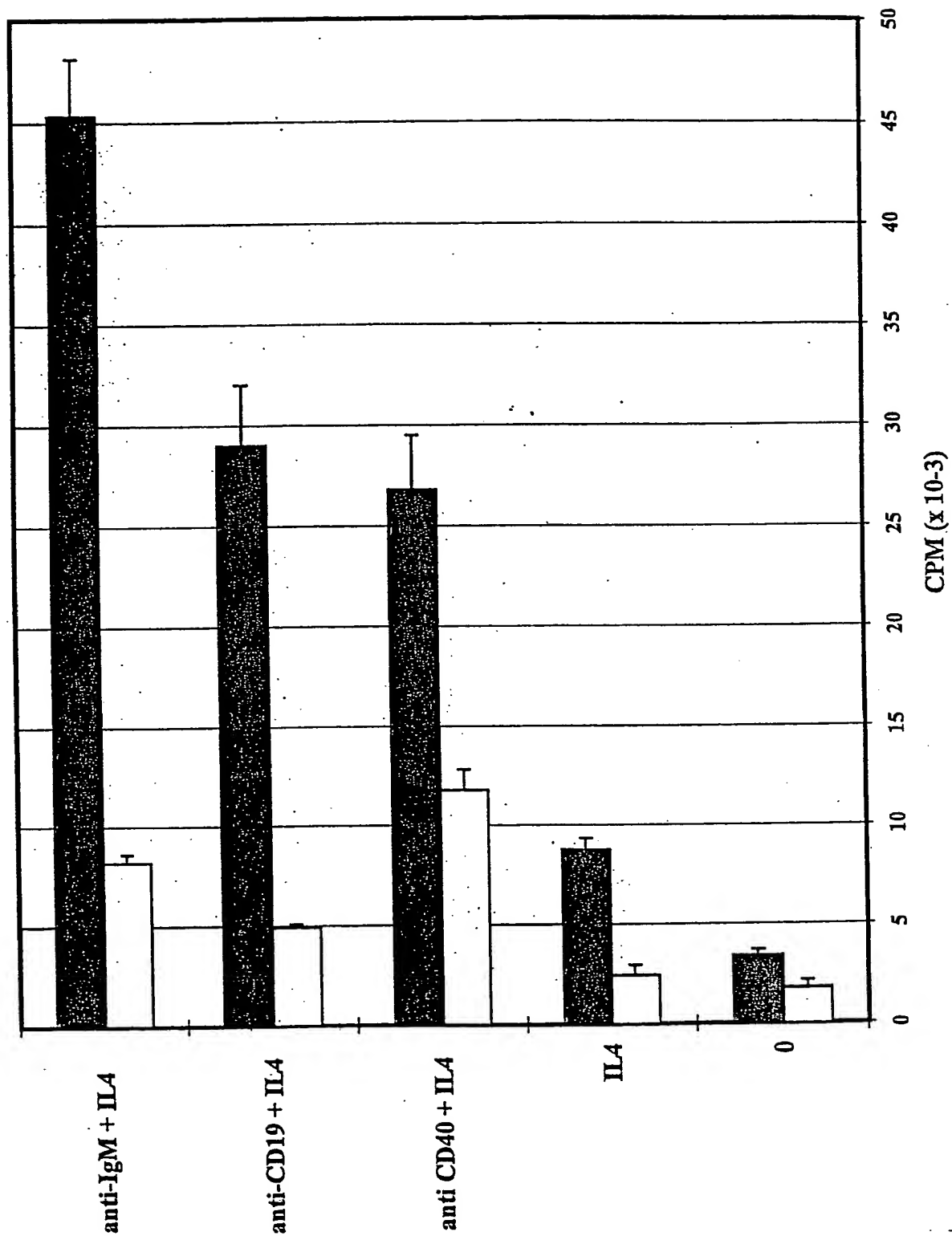
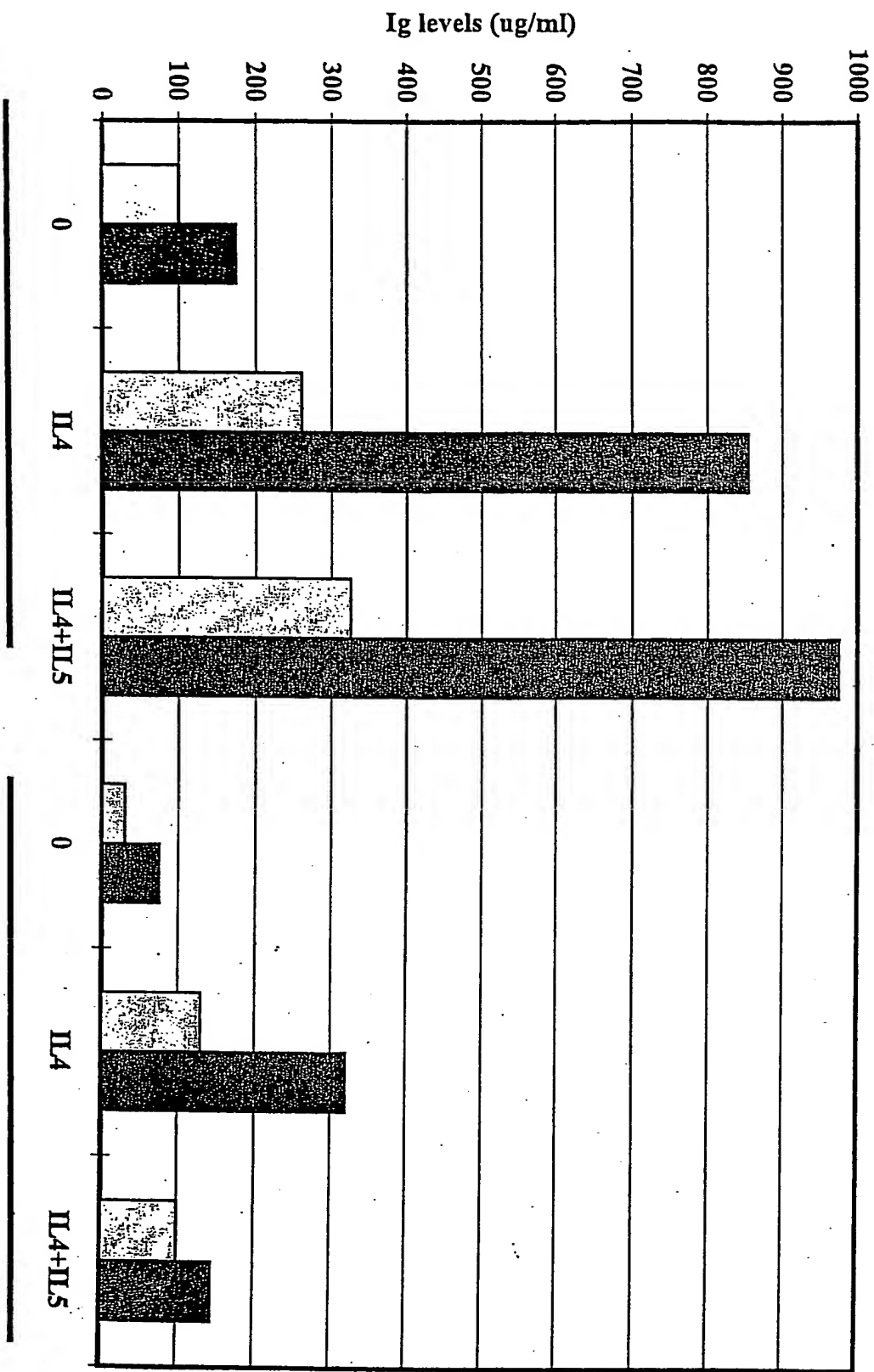


Figure 3A



IgM

Figure 3B

IgG

091627206, 072700

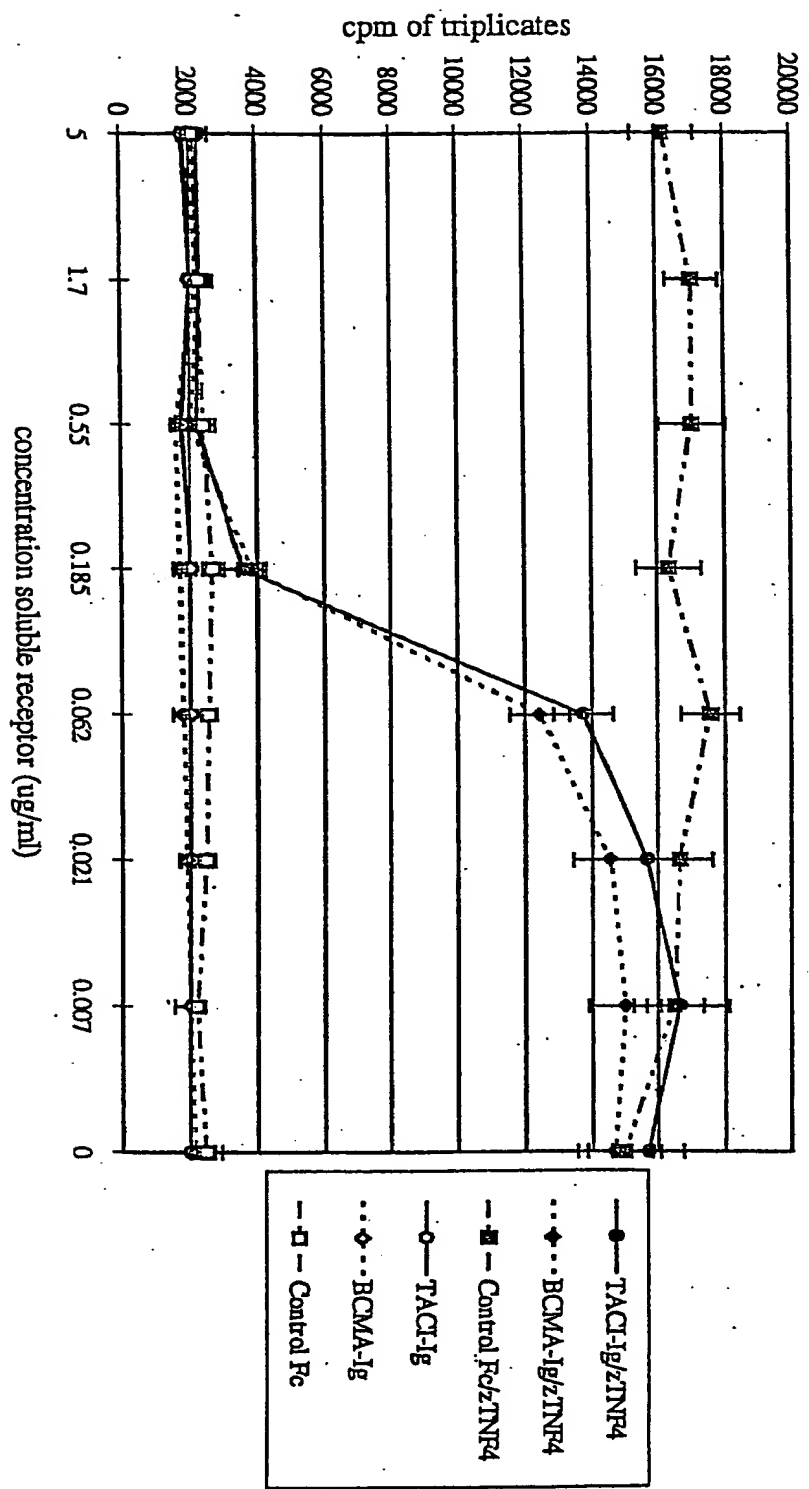


Figure 4

09627206, 072700

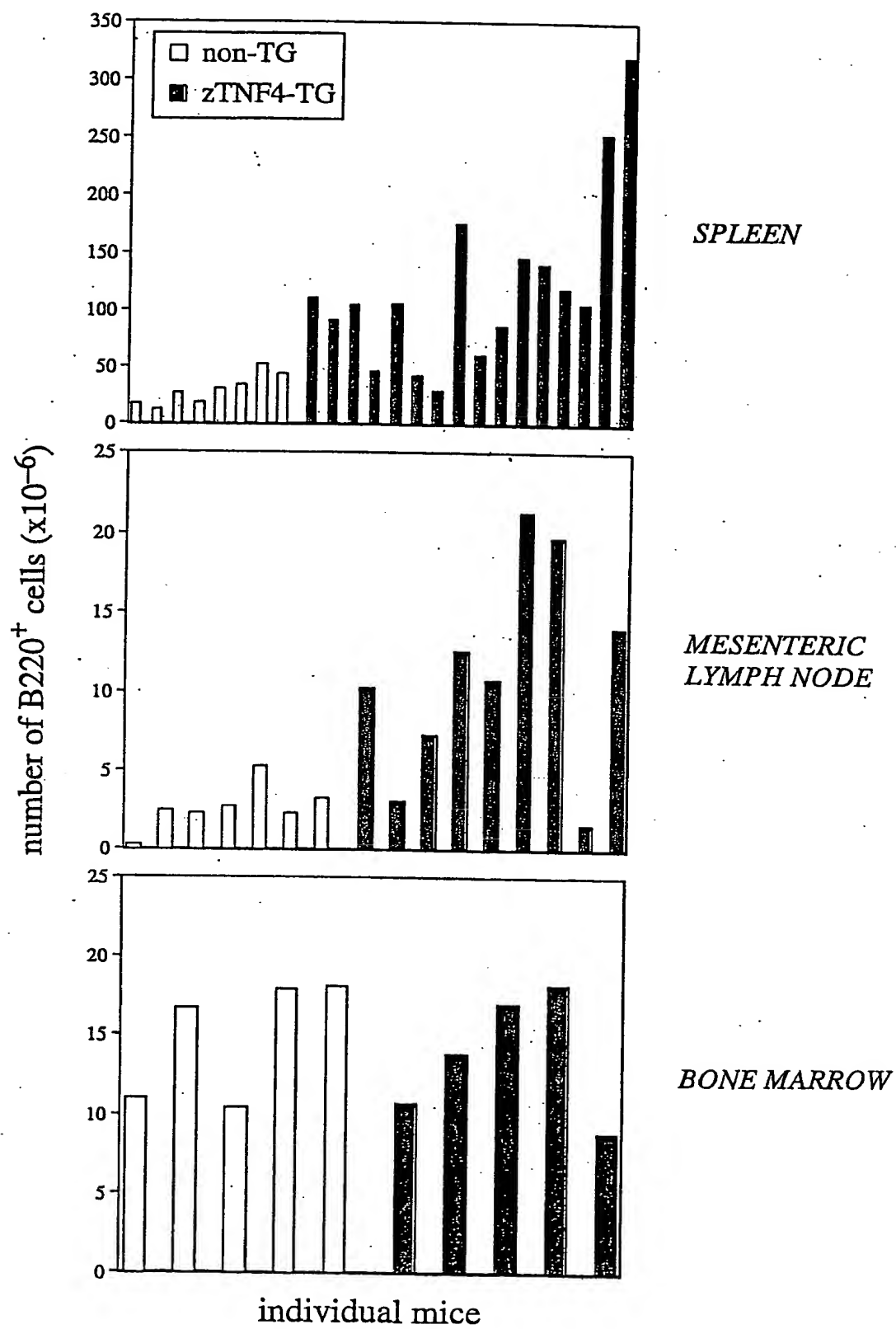


Figure 5A

002220" 90222960

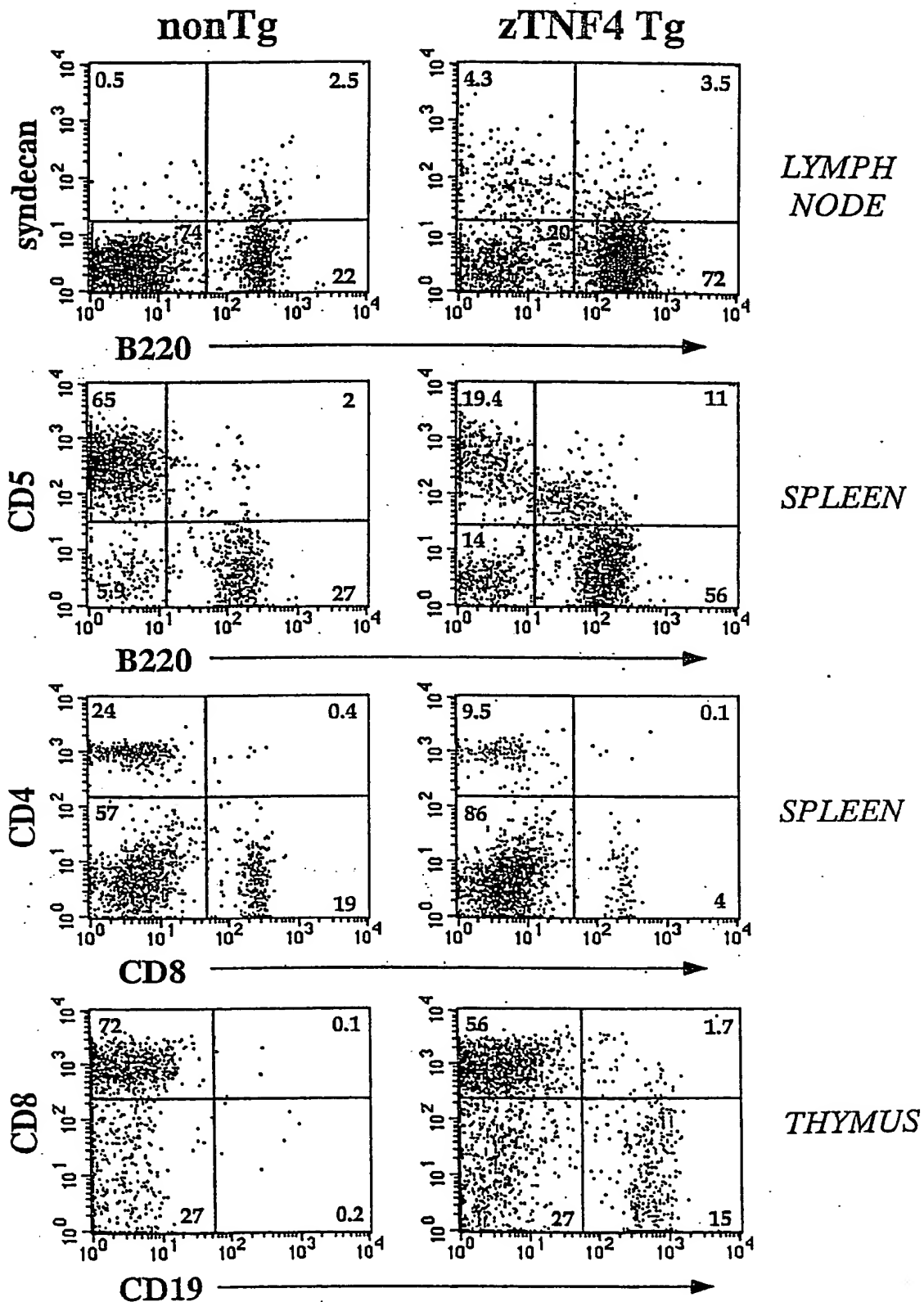


Figure 5B

00/22/0" 902/2960

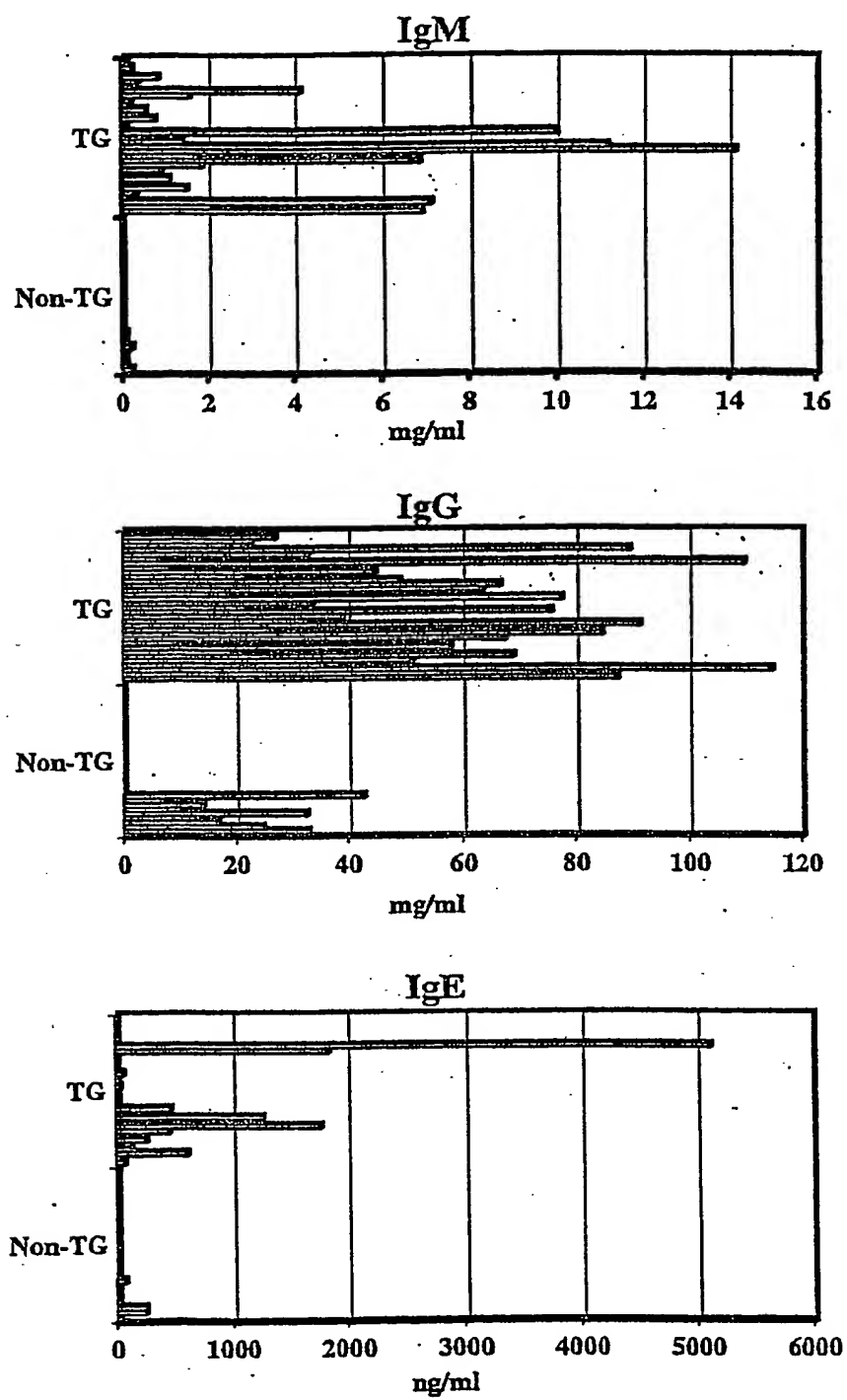


Figure 5C

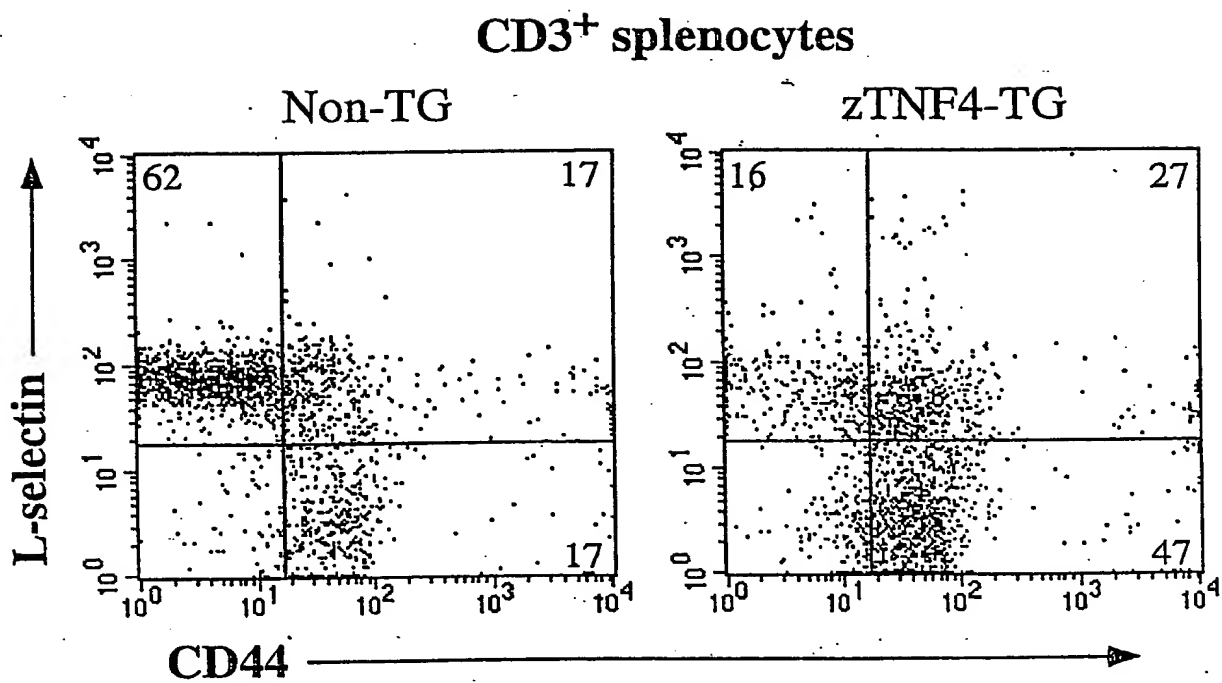
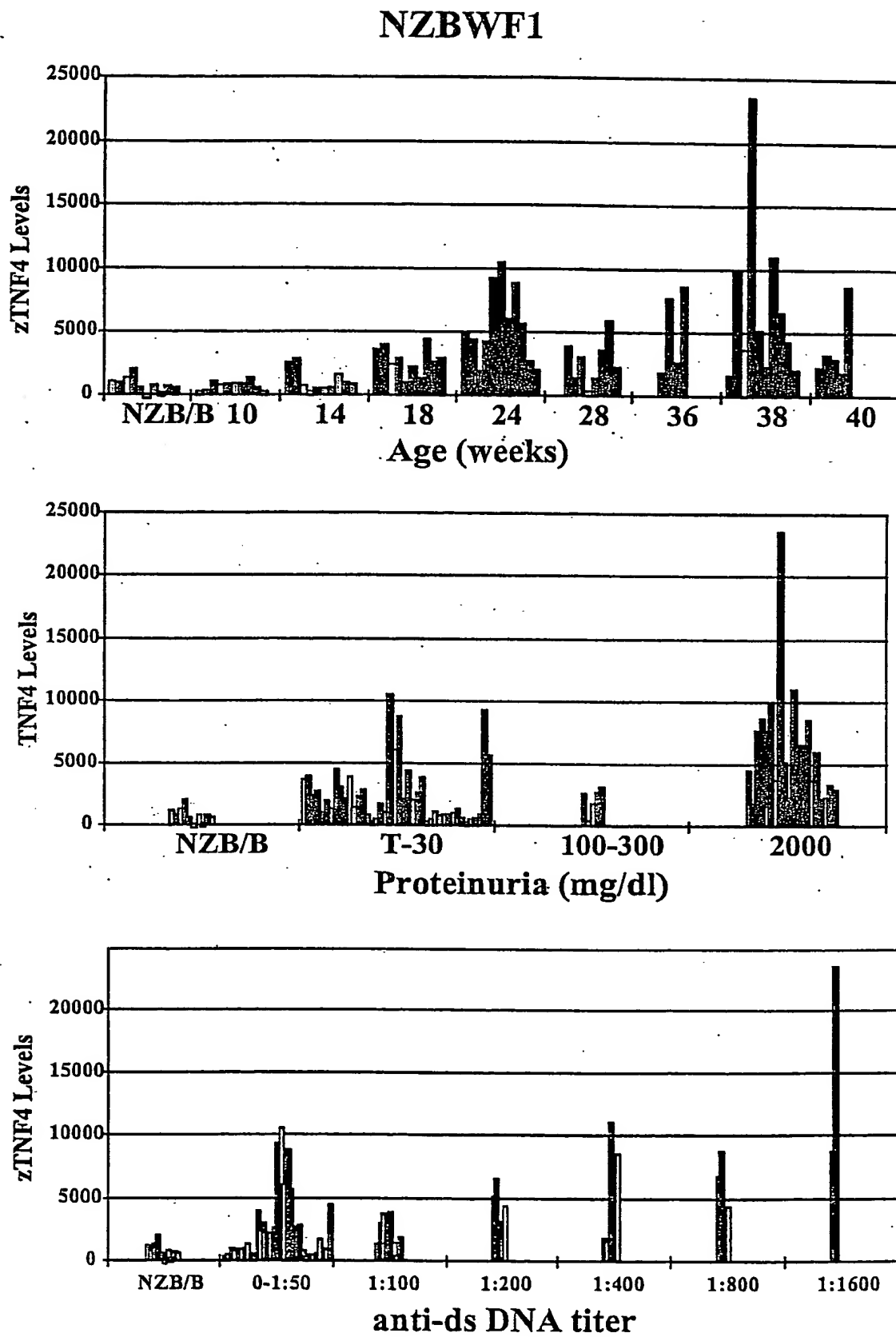


Figure 5D

**Figure 6A**

00220" 9022960

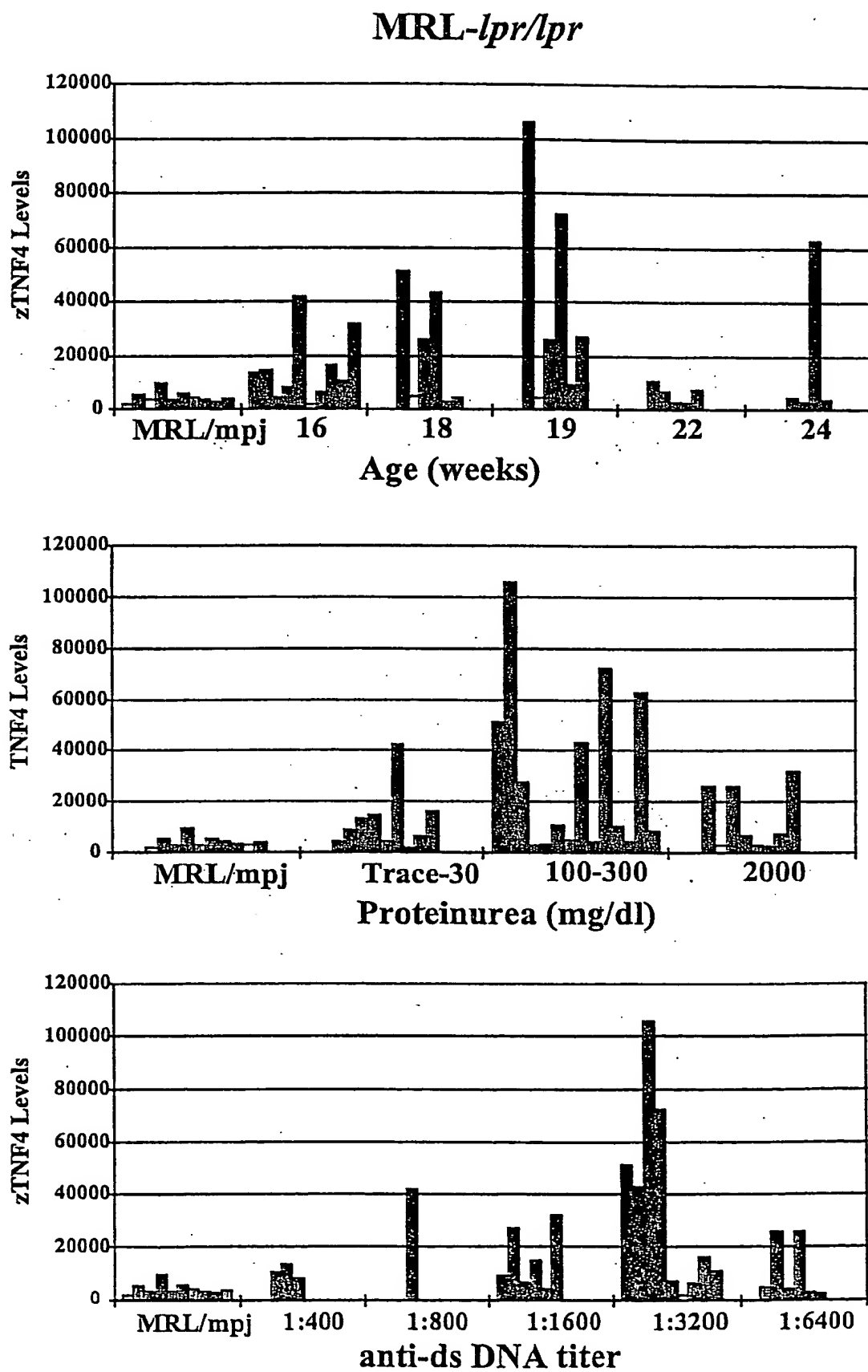
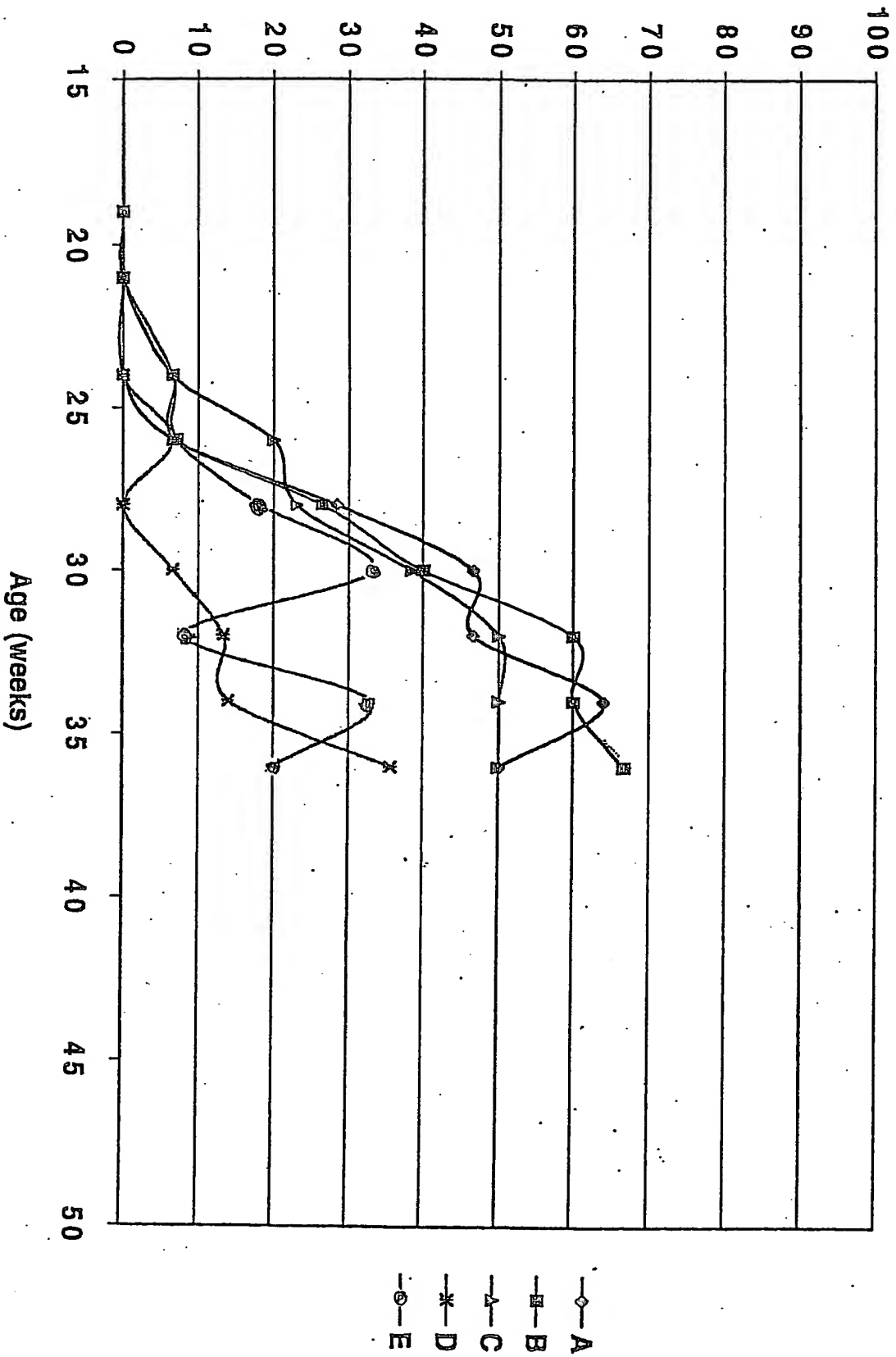
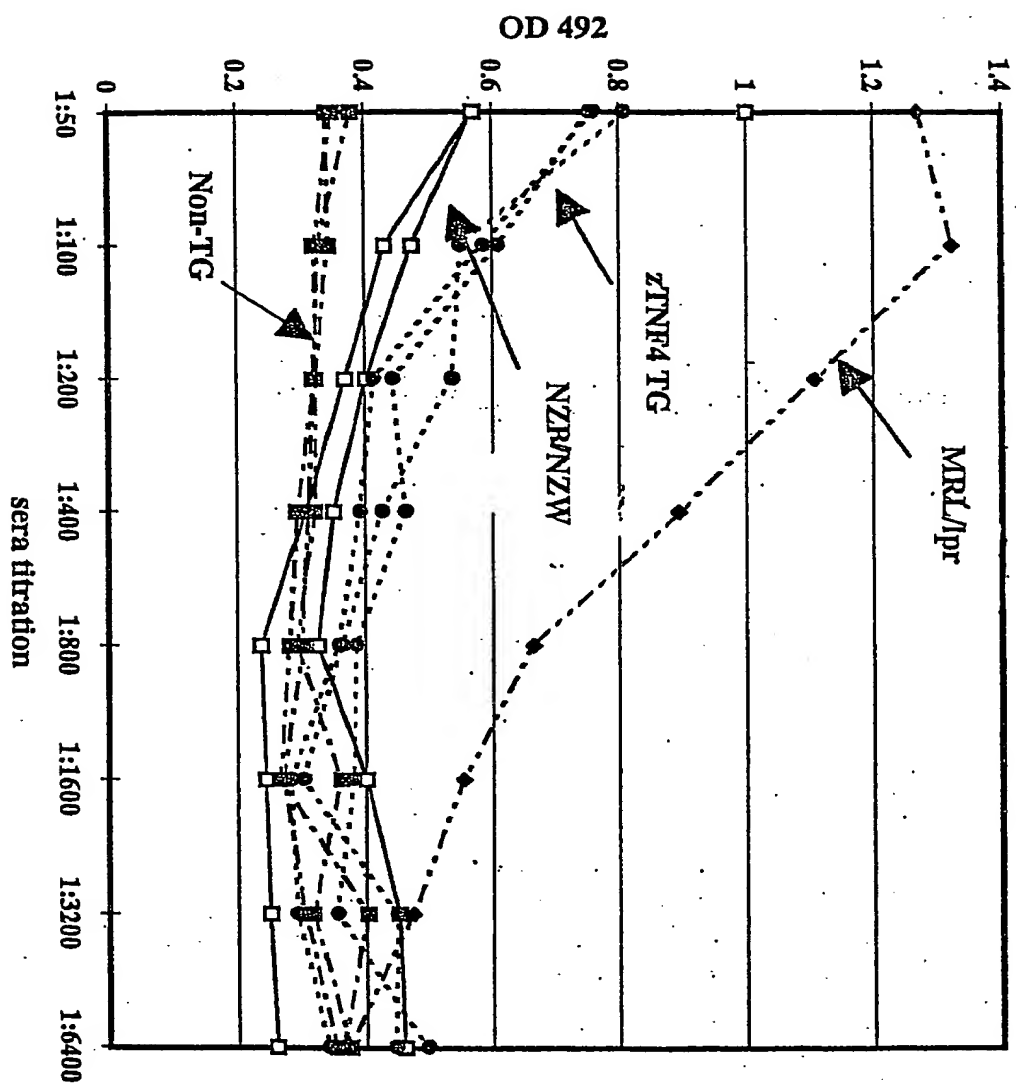


Figure 6B

% mice with proteinuria >100



0961911167, 072700



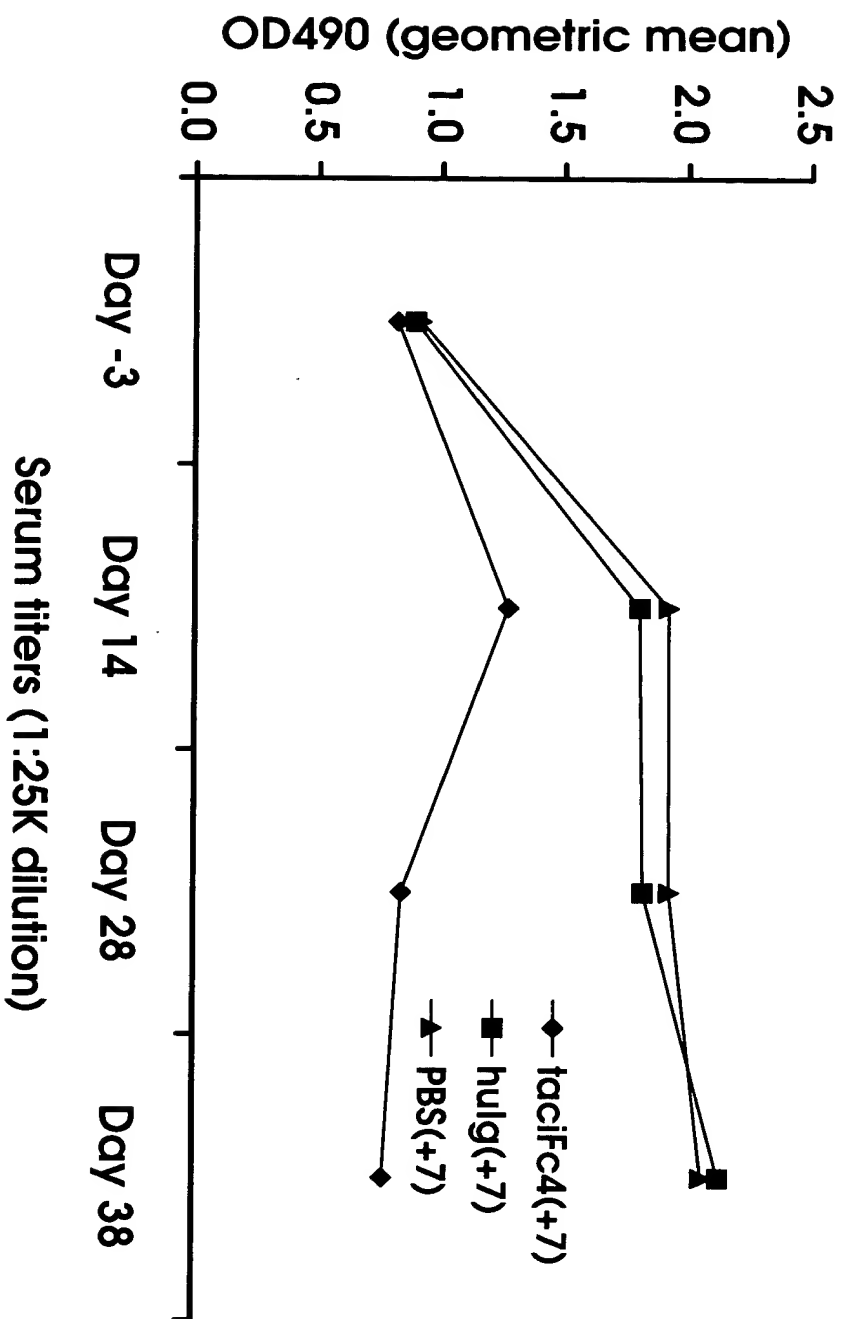


Figure 9A

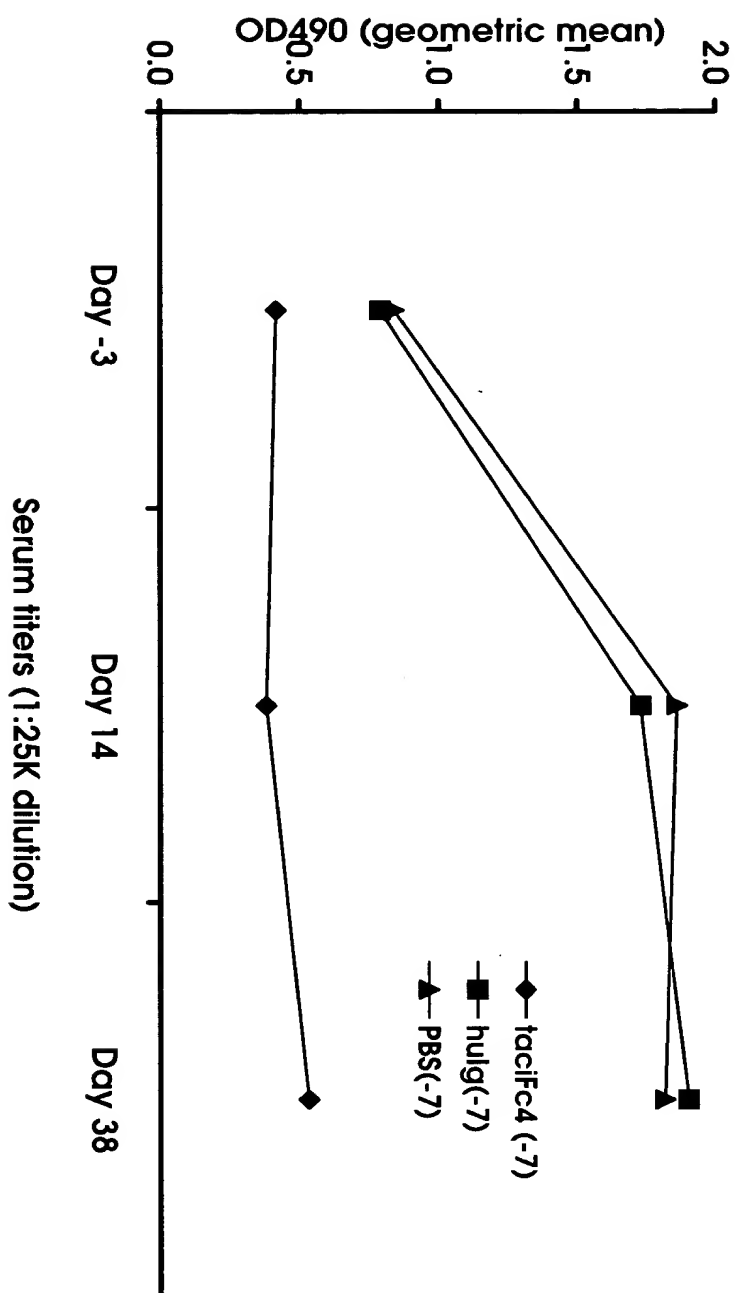


Figure 9B

002220" 90222960

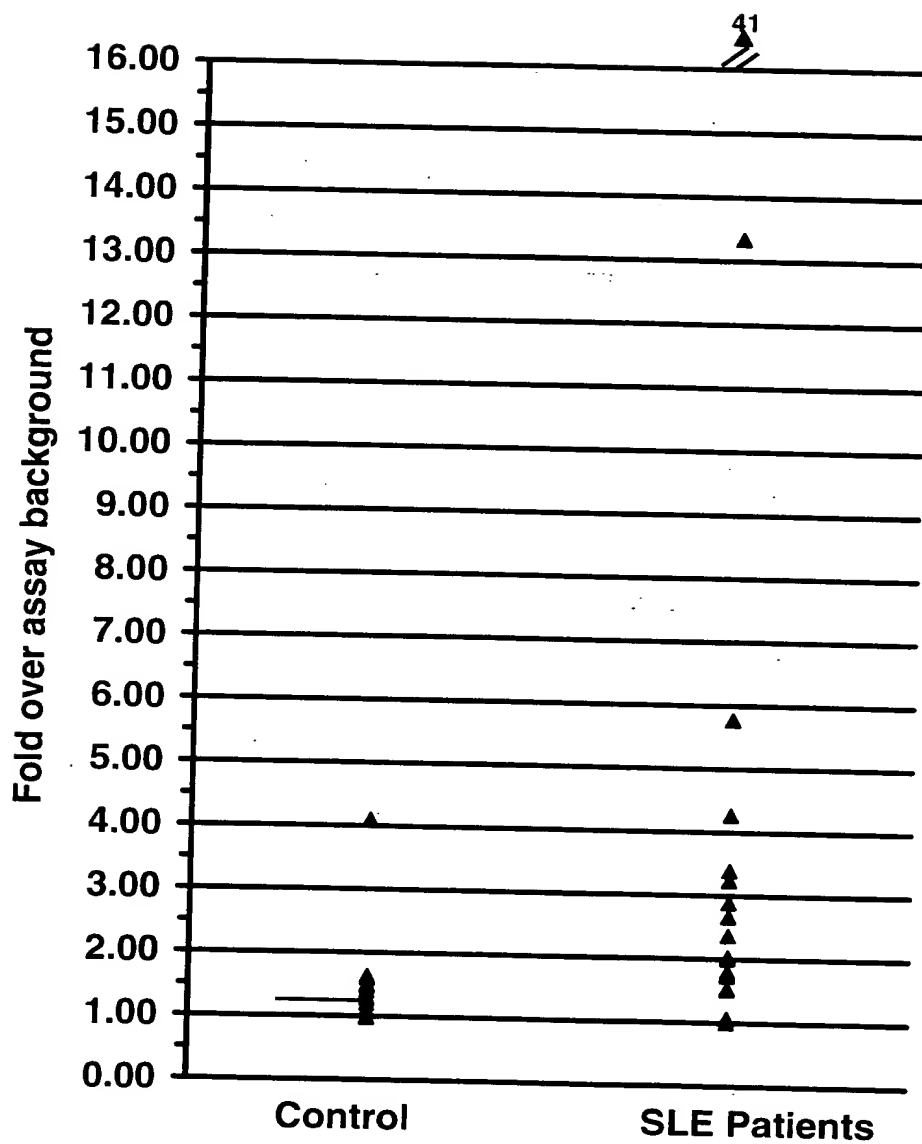


Figure 10